TOBOTF 2222000T

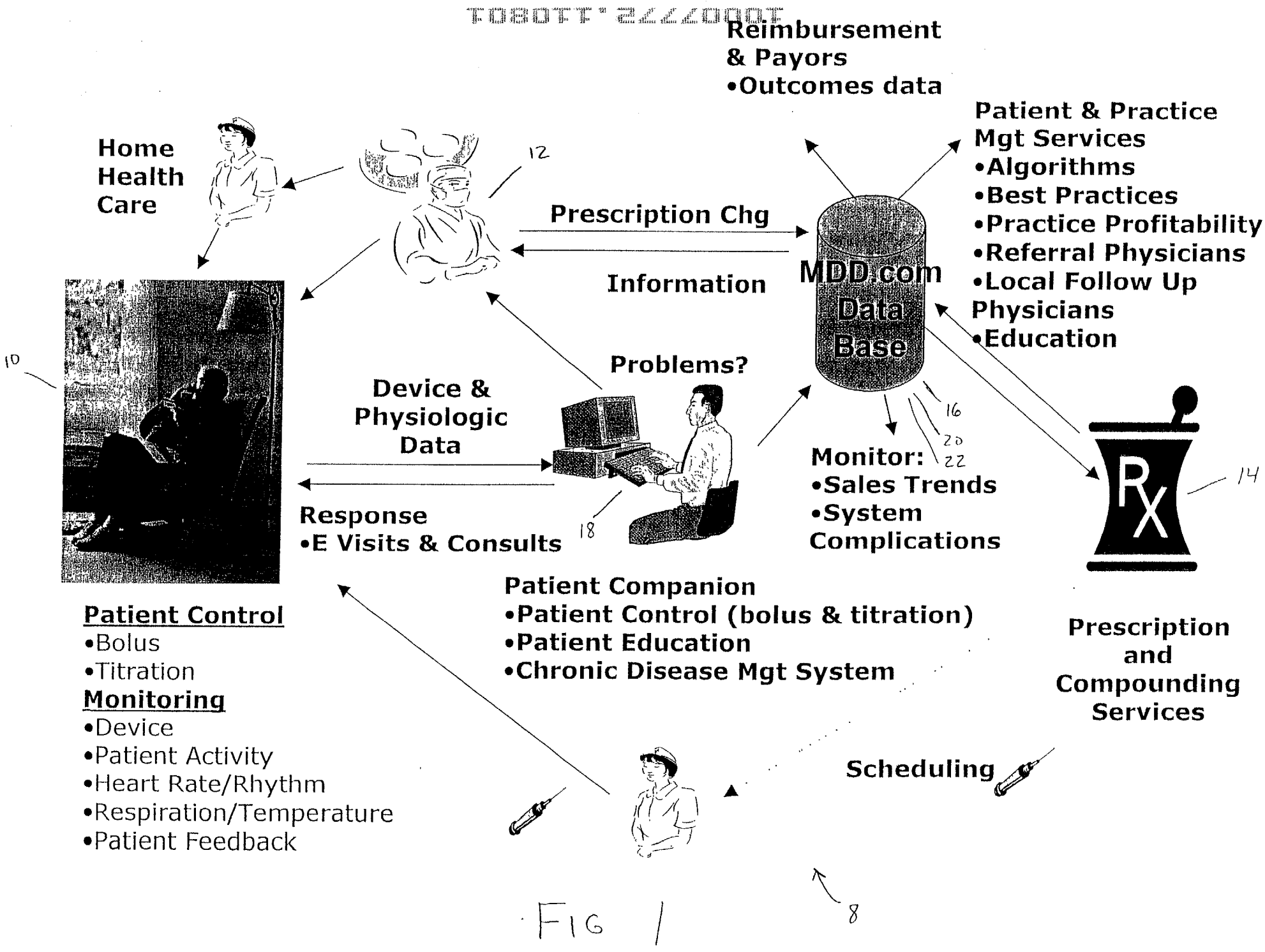


FIG 1

Internet Dashboard "Portal"

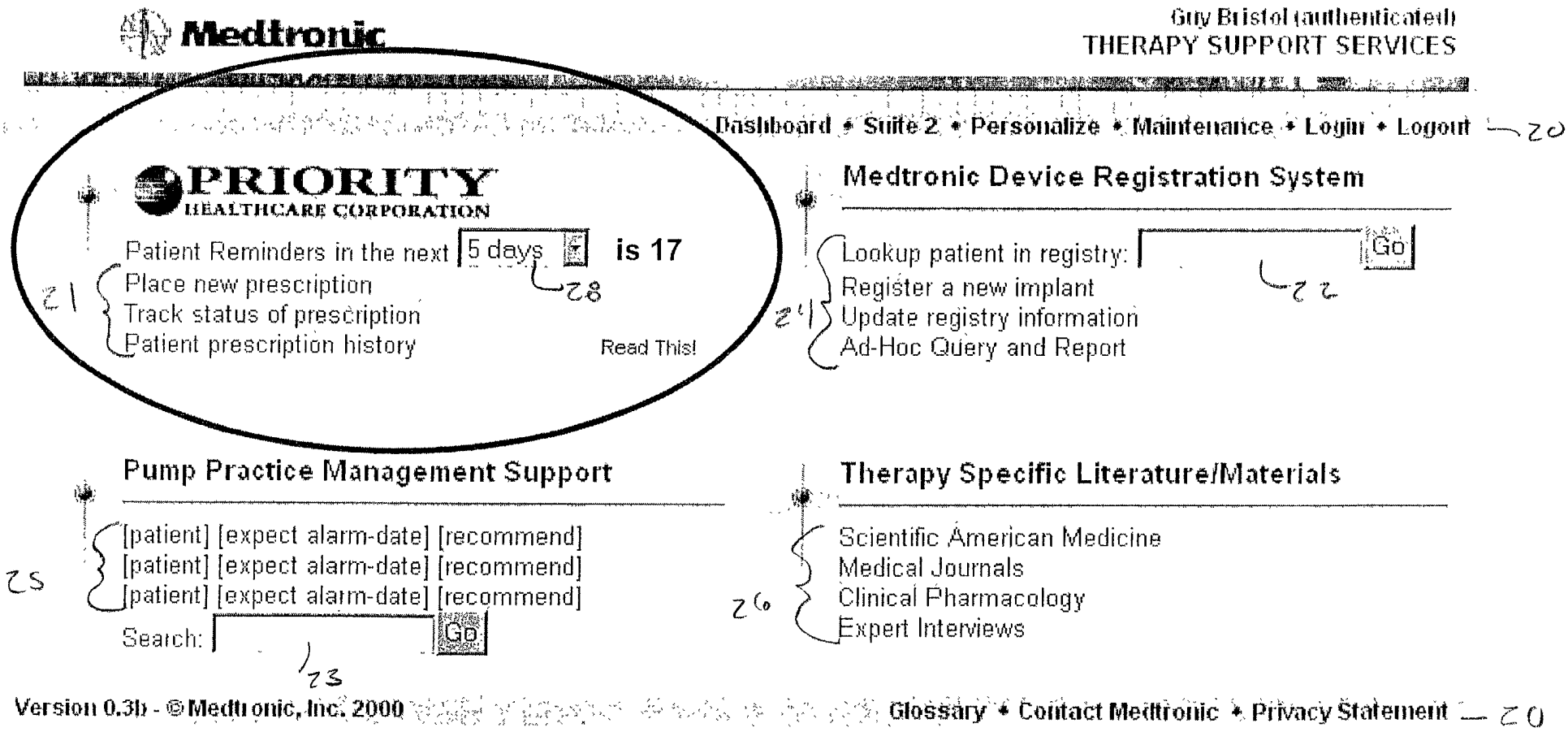
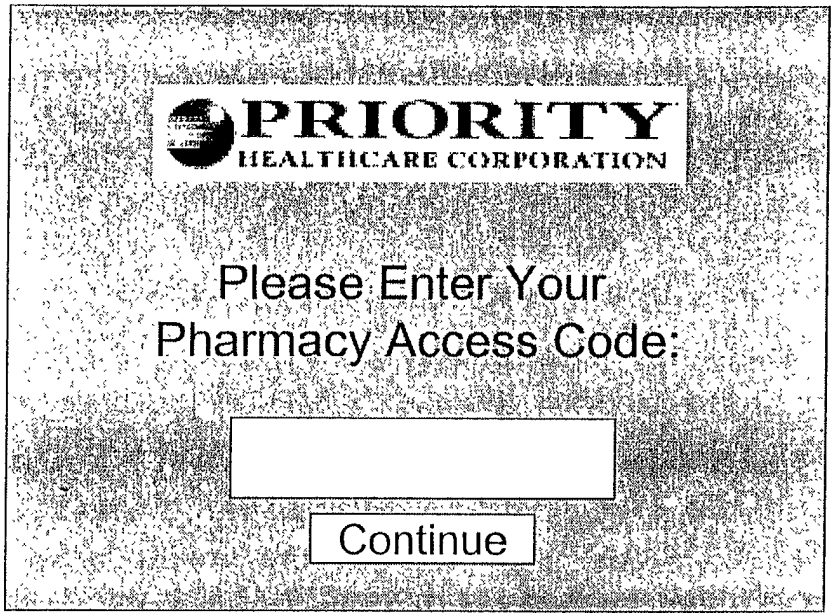


Fig 2


PRIORITY
HEALTHCARE CORPORATION
Please Enter Your
Pharmacy Access Code:
Continue

30

Fig 3

T080FF"2220001

Rx Reminders - Full Screen

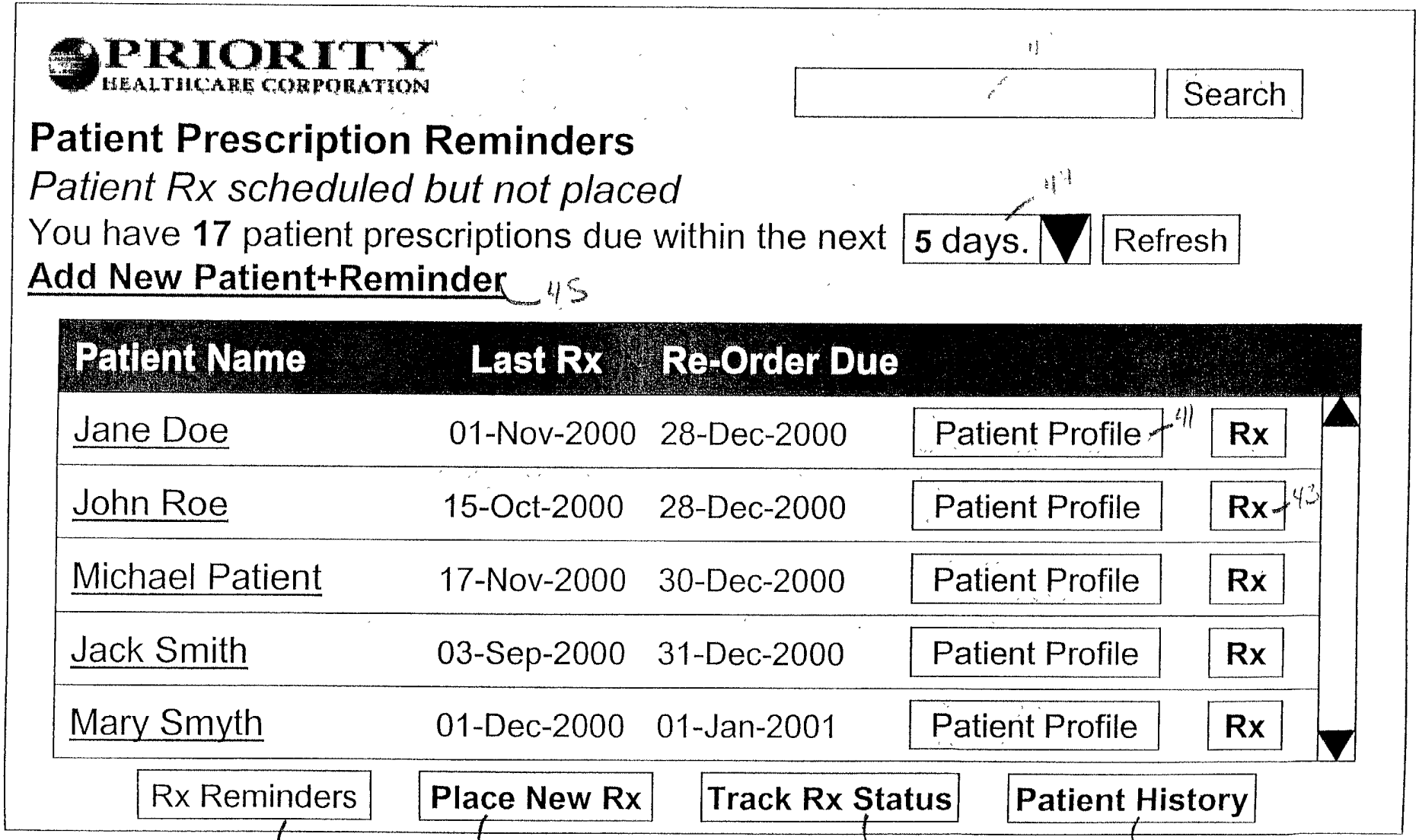


FIG 4

Add Patient-Reminder

PRIORITY HEALTHCARE CORPORATION

Add Patient Prescription Reminder

Select Patient: [52] [Search] (Last-name, First-name)

Patient Name	Last Rx	Next Rx	View/Edit
John Doe	28-Dec-2000	Calendar (54)	Patient Profile (41)

Rx Reminders (56) | Place New Rx (46) | Track Rx Status (48) | Patient History (49)

FIG 5

T080TT* 22220001

Confirm Patient-Reminder

PRIORITY HEALTHCARE CORPORATION

Confirm Patient Prescription Reminder

Reminder has been scheduled. Click Submit to continue or Calendar to change.

42 54

Patient Name	Last Rx	Next Rx	Change
John Doe	28-Dec-2000	30-Jan-2001	Calendar

54

Submit

62

Rx Reminders | Place New Rx | Track Rx Status | Patient History

50 46 48 49

FIG 6

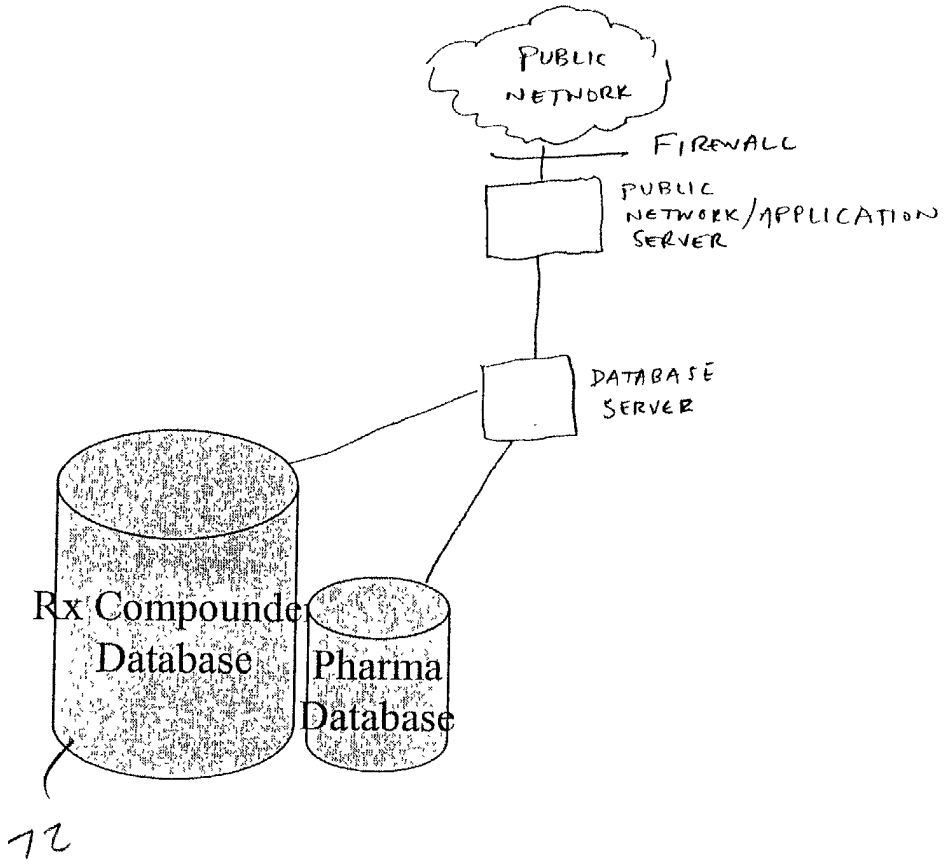

PUBLIC NETWORK
FIREWALL
PUBLIC NETWORK/APPLICATION SERVER
DATABASE SERVER
Rx Compounds Database
Pharma Database
72

FIG 7

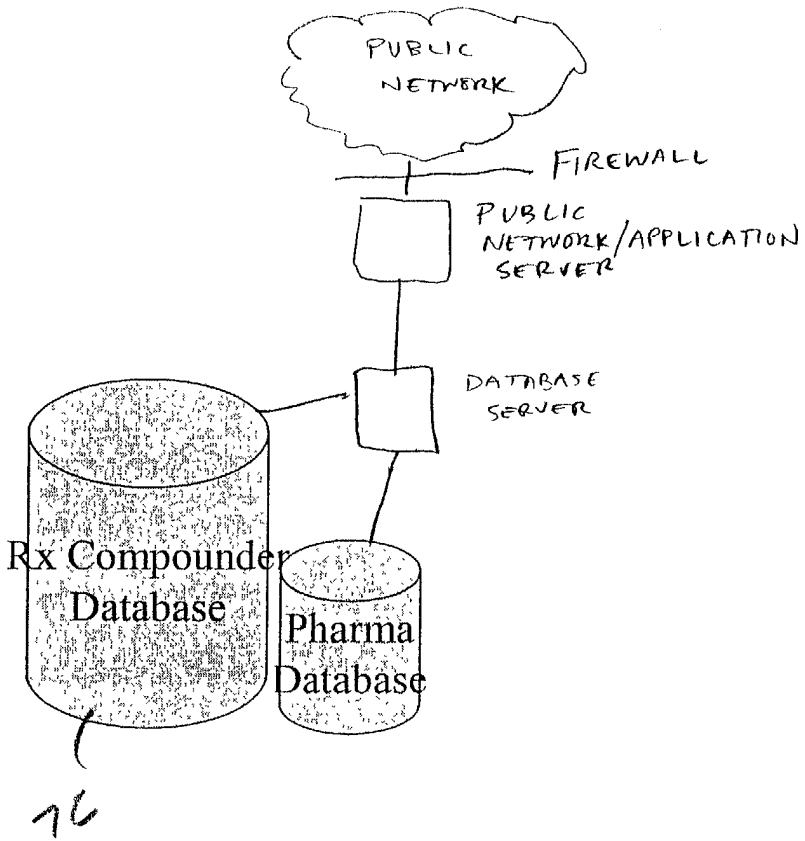

PUBLIC NETWORK
FIREWALL
PUBLIC NETWORK/APPLICATION SERVER
DATABASE SERVER
Rx Compounder Database
Pharma Database
76

FIG 8

TOBOTT*2727000T

Order Prescription - Full Screen

PRIORITY HEALTHCARE CORPORATION

Order New Prescription

Select Patient: [ ] Search (Last-name, First-name)

Add New Patient+Prescription 91

Patient Name	ID	Actions		
Jane Doe	0823	Rx History 96	Patient Profile 41	Rx
John Roe	0488	Rx History	Patient Profile	Rx 43
Michael Patient	0787	Rx History	Patient Profile	Rx
Jack Smith	0123	Rx History	Patient Profile	Rx
Mary Smythe	0333	Rx History	Patient Profile	Rx

Rx Reminders 56 | Place New Rx 46 | **Track Rx Status** 48 | **Patient History** 49

Fig 9

Select Proxy and Pump (1)

PRIORITY HEALTHCARE CORPORATION

Prescription-Referral Information

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN 123-45-6789) Change 1008

Authorizing Physician	Current User
Jonathan Doctor, M.D Change 1004	Jane M. Doe, R.N.

Pump Refill?	Model	Need Refill Kit?
(●) Yes ( ) No 1006	8627L18	**8551** (●) Yes ( ) No 1007

Go Back 1001 | Cancel 1003 | **Continue** 1005

FIG 10

Order Prescription (2)

PRIORITY HEALTHCARE CORPORATION

Prescription-Referral Information

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789) Change 1003

Primary Diagnosis	ICD9 Code	Actions
Neuropathic back pain, L2 area injury	XYZ	Update 1102
Allergies		
Sensitive to Thimerisol based preservatives		Update
Height	**Weight**	**Notes**
170 cm.	137 lbs.	None
		Update

Go Back 1001 | Cancel 1003 | **Continue** 1005

Fig 11

TOBOFT* 2222000T

Multiple Drug Calculator (3)

PRIORITY HEALTHCARE CORPORATION

Switch to Manual Rx — 1002

Prescription-Referral Information

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789)

Help for: **Method 1** **Method 2** **Method 3**

Refill Interval in Days (1-180) | Fill Volume in ml (0.1-18.0)

Drug Name	Concentration (0-1000.0)		Daily Dose (0-1000.0)	
Drug 1		ul /ml		ul
Drug 2		ul /ml		ul
Drug 3		ul /ml		ul
Drug 4		ul /ml		ul

Calculate Concentration(s) | Calculate Daily Dose(s) | Calculate Refill Interval

Go Back (1001) | Cancel (1003) | **Continue** (1005)

FIG 12

T080FT* 2222000T

Manual Rx Form (3-Alt.)

PRIORITY HEALTHCARE CORPORATION

Switch to Calculator — 1302

Prescription-Referral Information

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789)

Medication	Concentration (mg or mcg/ml)	Daily Dose (mg or mcg/day)
1. Infumorph	25 mg/ml	1.5 ul/day
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
Syringe volume (typically 10 or 20 ml):	20 ml — 1304	
Fixed delivery rate or current programmed rate:	2 ml/day — 1306	

Go Back (1001) | Cancel (1003) | **Continue** (1005)

FIG 13

Set Delivery-Shipping (4)

PRIORITY HEALTHCARE CORPORATION

Prescription Shipping Information

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789)

Bill To:

1402 { ● Insurance/3rd Party ○ Doctor ○ Patient ○ Other: Specify } 1401

Ship To Location: **Addresses**

1403 { ○ Doctor's Office ● Hospital Pharmacy ○ Clinic Other/Edit }

Delivery Date:	04-Jan-2001 (next day) 1404	**Calendar** 1405	○ By 10:30 AM 1407
Next Refill Date:	14-Feb-2001 (calculated) 1406	**Calendar**	

Go Back 1001 | Cancel 1002 | **Continue** 1003

FIG 14

Order Prescription (Confirm)

PRIORITY HEALTHCARE CORPORATION

Prescription-Referral Confirmation

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789)

Section	Action
Physician (proxy) Information	OK
Patient Information	OK
Insurance (billing) Information	Review
Medical (Rx) Information	Review
Pump Information	Review
Shipping Information	Review

Go Back (1001) | Cancel (1003) | **Commit Order** (1504)

FIG 15

Order Prescription Fax Form

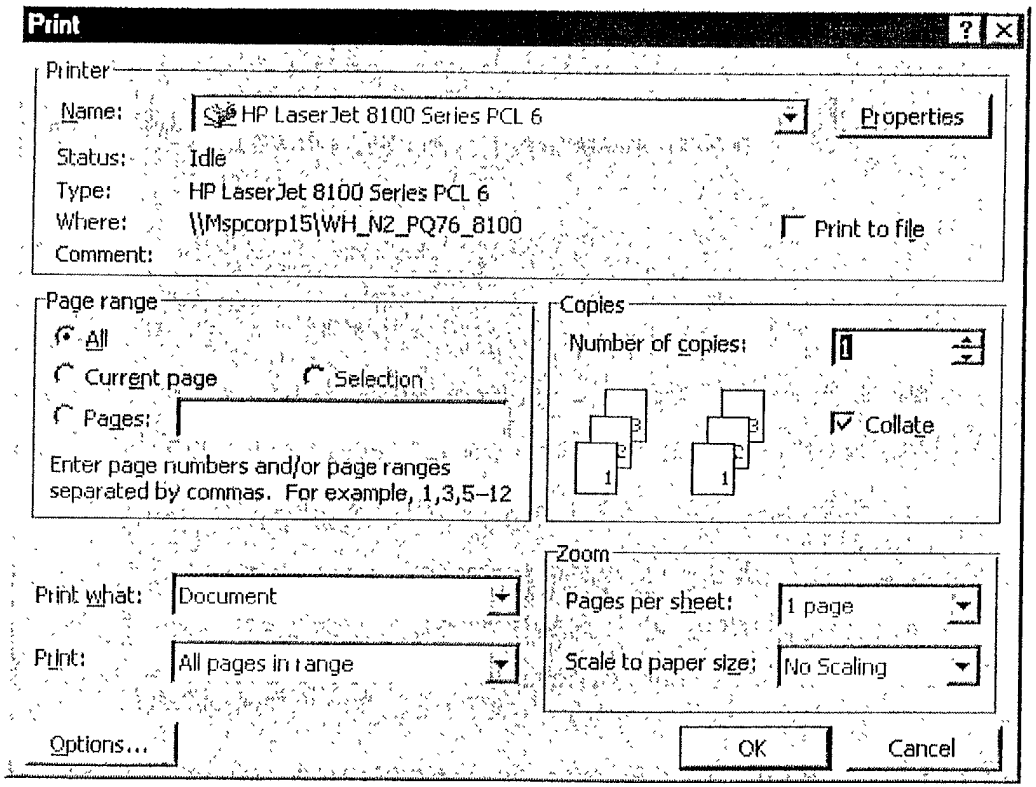


Fig 16

F080FF*2220001

Track Prescription Status

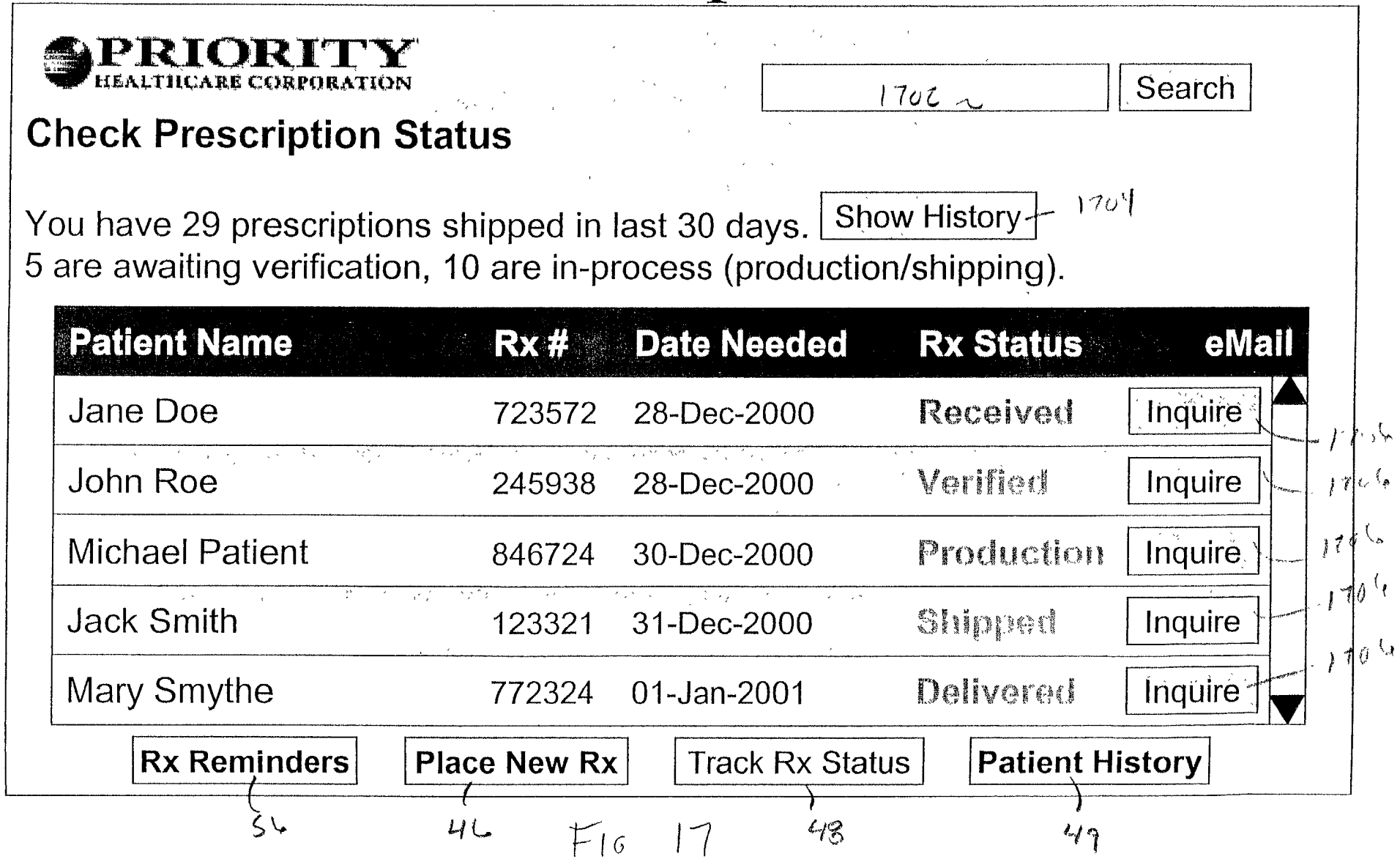


Fig 17

Patient History - Full Screen

PRIORITY HEALTHCARE CORPORATION

Patient History, Charts, Reports

Select Patient: [1802] [Search] (Last-name, First-name)

Patient Name	ID	Pharmacy			Medtronic
Jane Doe	0823	History	*Chart*	Print Report	☐ Pump Info.
Michael Patient	0488	History	*Chart*	Print Report	☐ Pump Info.
Mary Roe	0787	History	*Chart*	Print Report	☐ Pump Info.
Jack Smith	0123	History	*Chart*	Print Report	☐ Pump Info.
Mary Smyth	0333	History	*Chart*	Print Report	☐ Pump Info.

1803 1804 1805

Rx Reminders **Place New Rx** **Track Rx Status** Patient History

46 46 48 49

Fig 18

TOBOTT*2220001

Patient History Display (1)

PRIORITY HEALTHCARE CORPORATION

Patient History

Patient Selected is **John Q. Roe** (DOB. 1-Jan-1956, SSN. 123-45-6789)

Patient Name	Rx #	Rx Date	Physician	Daily Rate
John Q. Roe	234198	20-May-2000	Jonathan Doctor	12 ul
John Q. Roe	437634	14-Jul-2000	Allen Clinician	12 ul
John Q. Roe	723572	15-Sep-2000	Allen Clinician	15 ul
John Q. Roe	837437	12-Nov-2000	Allen Clinician	17 ul
John Q. Roe	876523	13-Jan-2001	Allen Clinician	23 ul

1904 Print Report Save-Excel 1902

Rx Reminders Place New Rx Track Rx Status Patient History

54 46 48 49

FIG 19

Patient History Print Report (2)

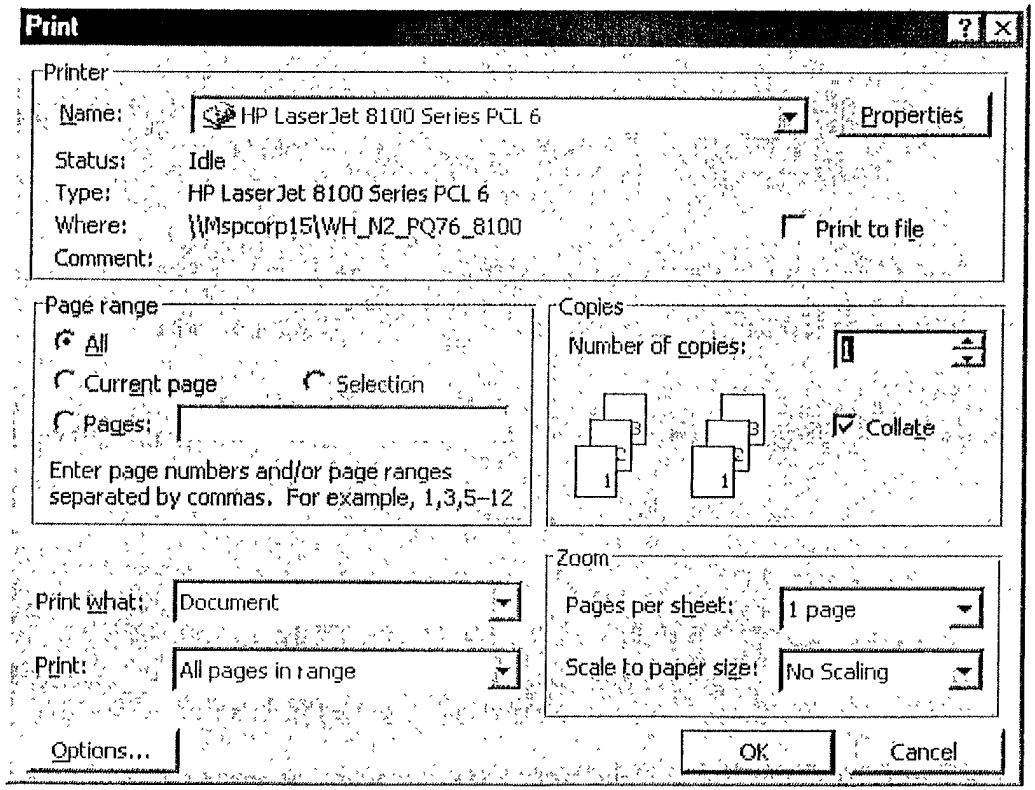


FIG 20

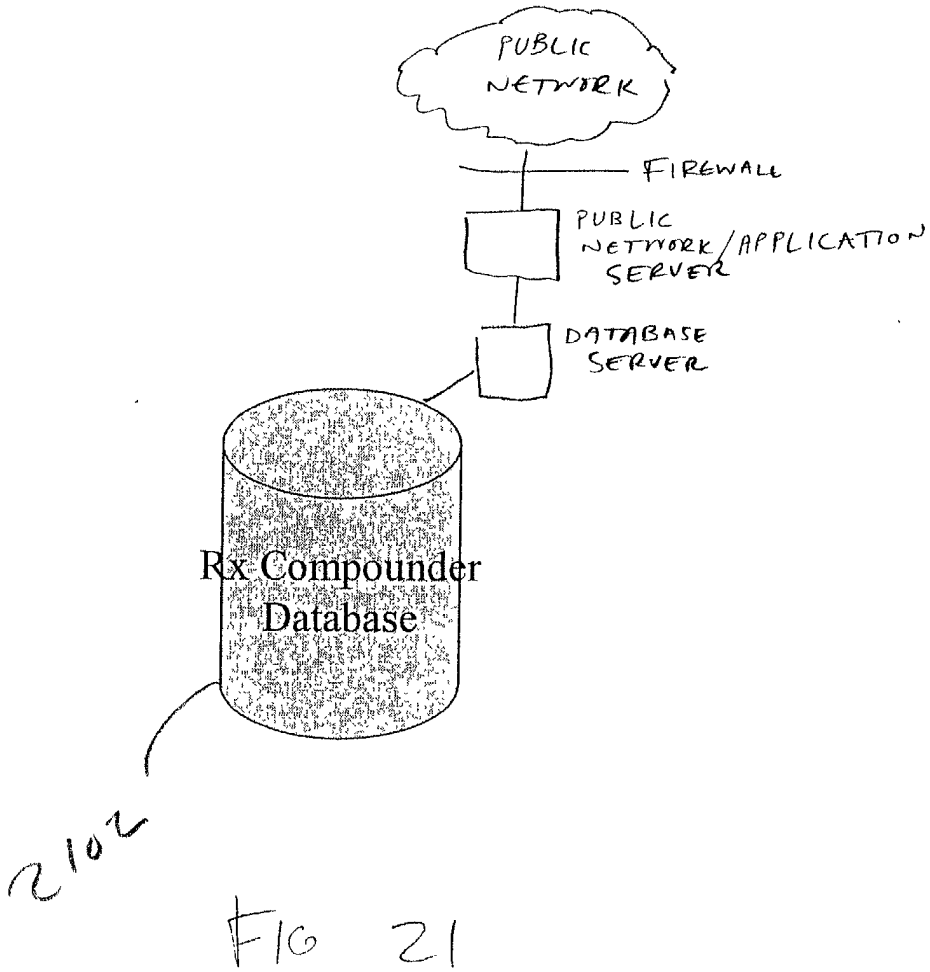

PUBLIC NETWORK
FIREWALL
PUBLIC NETWORK/APPLICATION SERVER
DATABASE SERVER
Rx Compounder Database
2102

FIG 21

T080TT* 2222000T

Patient Information (1) (Registration)

PRIORITY HEALTHCARE CORPORATION

Patient Registration (Part 1 of 4)

Create new patient profile

* **Patient Name:**		**ID:** *New*	
Street Address:	(*** back-filled from DRS when available)		
City:	(***)		
Street Address:	(***)		
State:	(***)	**Zip Code:**	(***)
Daytime Phone:	AAA-PPP-NNNN	**Evening Phone:**	AAA-PPP-NNNN
* **Date of Birth:**	DD-MMM-YYYY	* **Social Security No:**	NNN-NN-NNNN

Go Back (1001) Cancel (1003) **Continue** (1005)

FIG 22

Lookup Patient in database

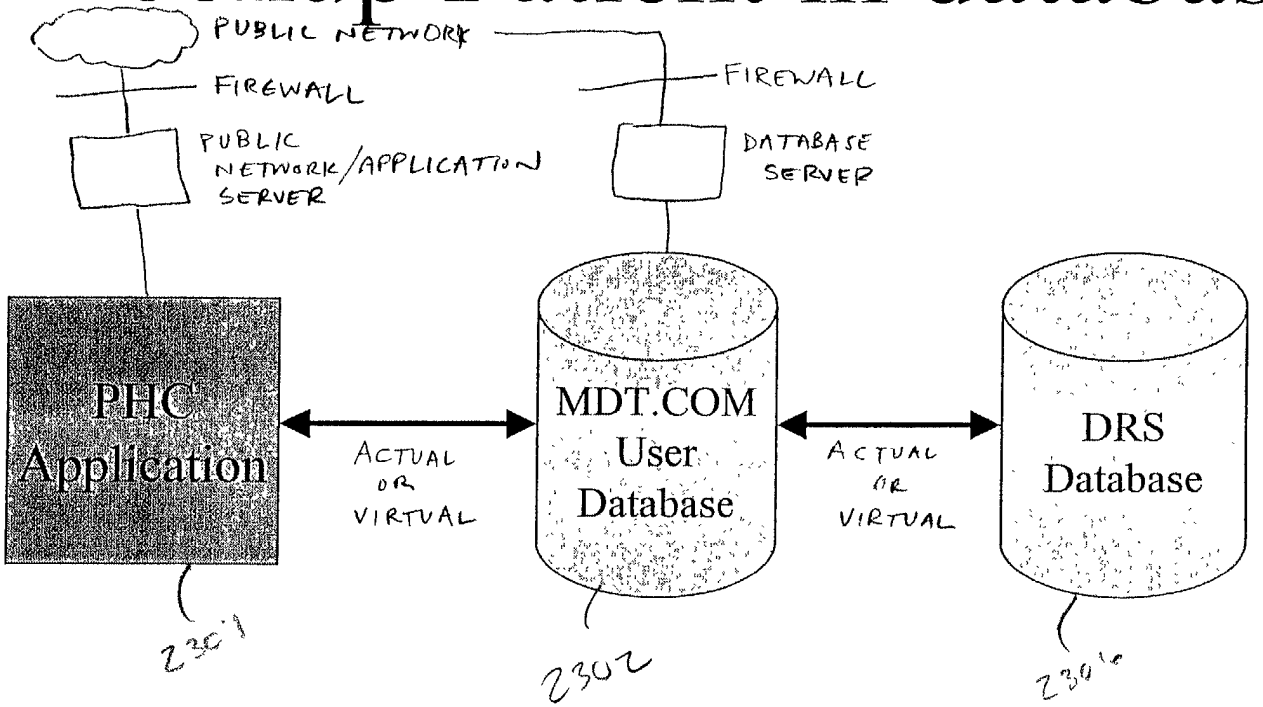


FIG 23

T080FF* 2222000F

Patient Information (2) (Registration)

PRIORITY HEALTHCARE CORPORATION

Patient Registration (Part 2 of 4)

Patient emergency contact and medical information

Patient Name: New A. Patient		**ID:** *523*	
Emergency Contact:			
Relationship:		**Phone:**	
Allergies:			
Height:	**cm**	**Weight:**	
Primary Diagnosis:	(pre-filled from DRS when available)		
ICD9 Code:	**Notes:**		

Go Back (1001) Cancel (100?) F16 24 **Continue** (100S)

T080TT* 2727000T

Patient Insurance (3) (Registration)

PRIORITY HEALTHCARE CORPORATION

Patient Registration (Part 3 of 4)

Patient Insurance Information

(•) Primary ( ) Secondary ( ) Tertiary

Patient Name: New A. Patient		**ID:** *523*	
Insured Name:			
Relationship:		**DOB:**	
Insured SSN:			
Insurance Company:			
Insurance Phone:		**Policy No:**	
Group Number:		**Notes:**	

Go Back (101) Cancel (103) **Continue** (105)

FIG 25

Medical Devices (4) (Registration)

PRIORITY HEALTHCARE CORPORATION

Patient Registration (Part 4 of 4)

Patient medical devices – Drug Pump

Patient Name: New A. Patient		**ID:** *523*	
Infusion Pump: ◯ Yes ◯ No		**Manufacturer:**	(***)
Brand:		**Model No:**	(***)
Implant Date:	(***)	**Reservoir Volume:**	(parsed) ml
Notes:			

Go Back (1001) Cancel (1003) Submit (1005)

FIG 26

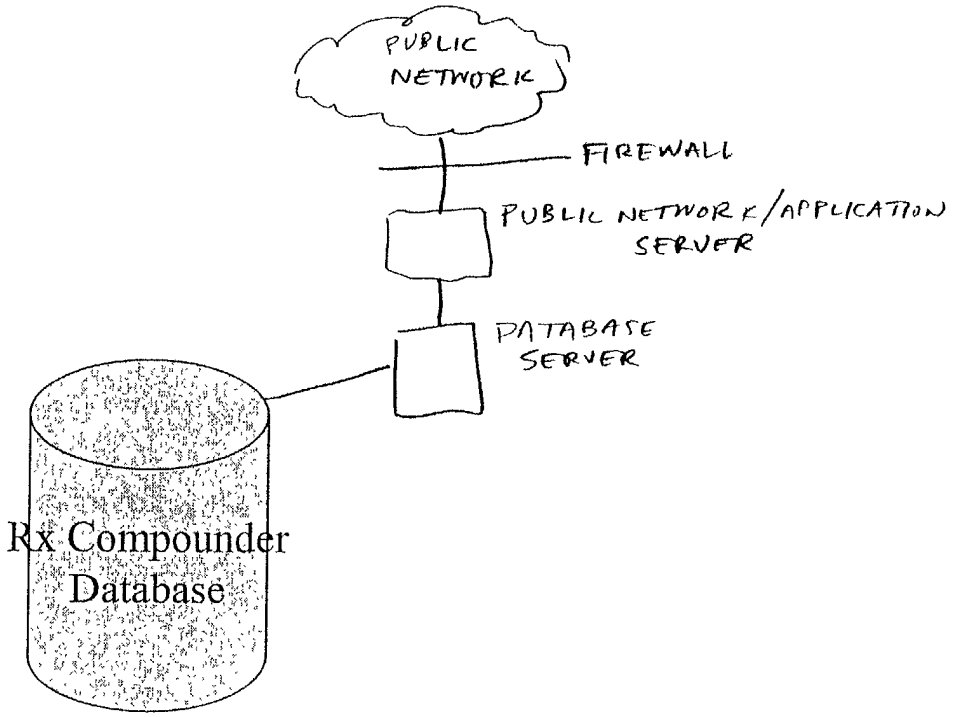

PUBLIC NETWORK
FIREWALL
PUBLIC NETWORK/APPLICATION SERVER
DATABASE SERVER
Rx Compounder Database

FIG. 27

T080TF* 2<2<000T

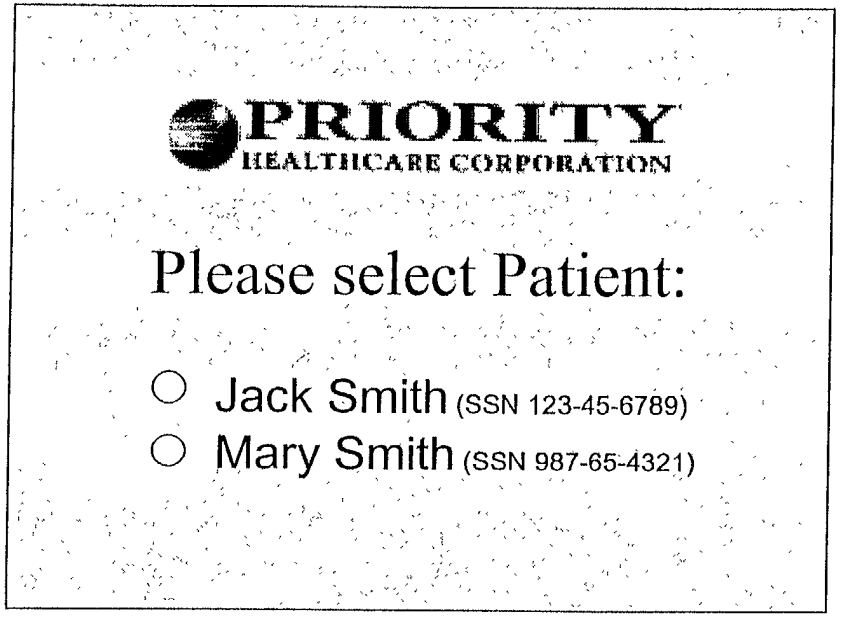


FIG 28

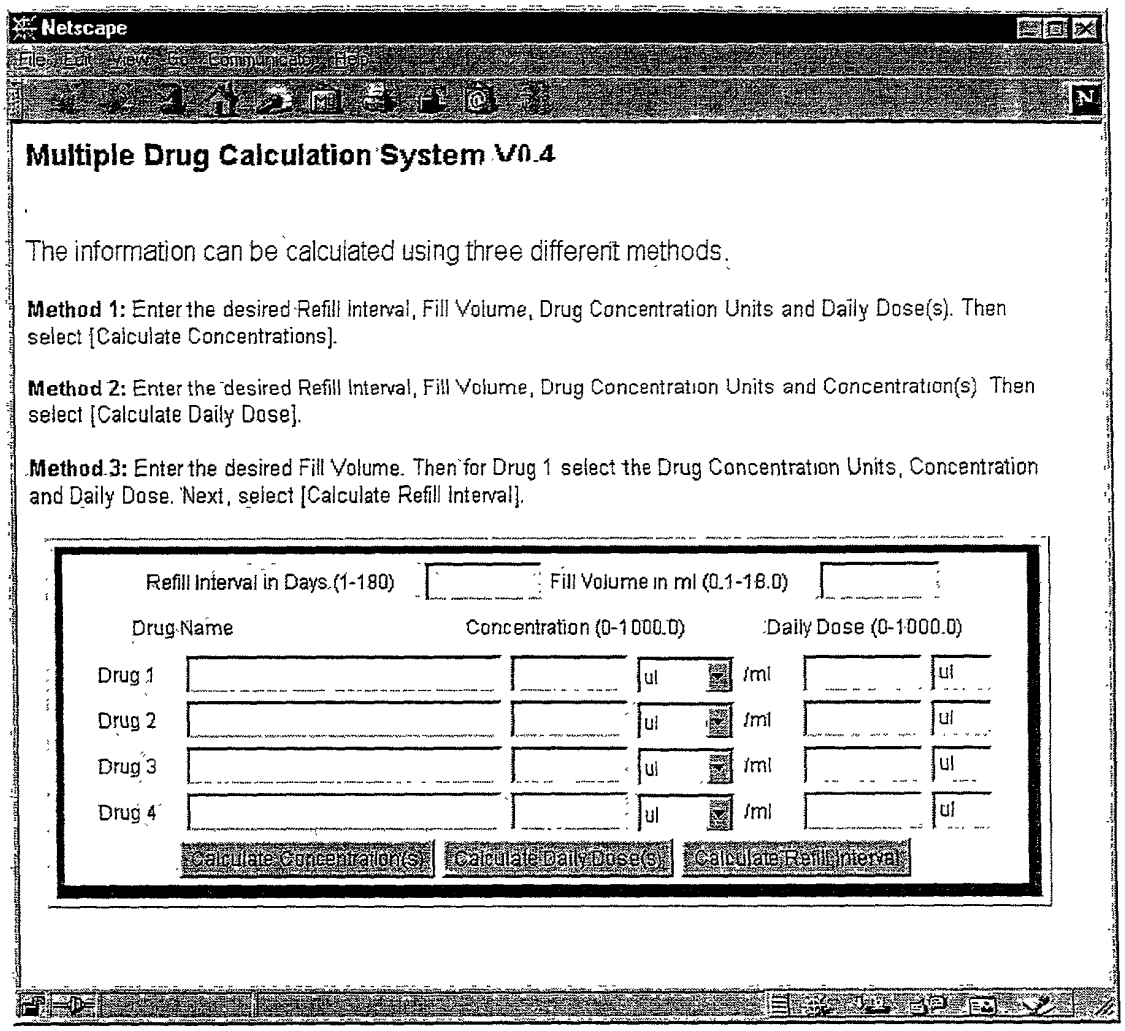


FIGURE 29

FBDOCS\2494327\2

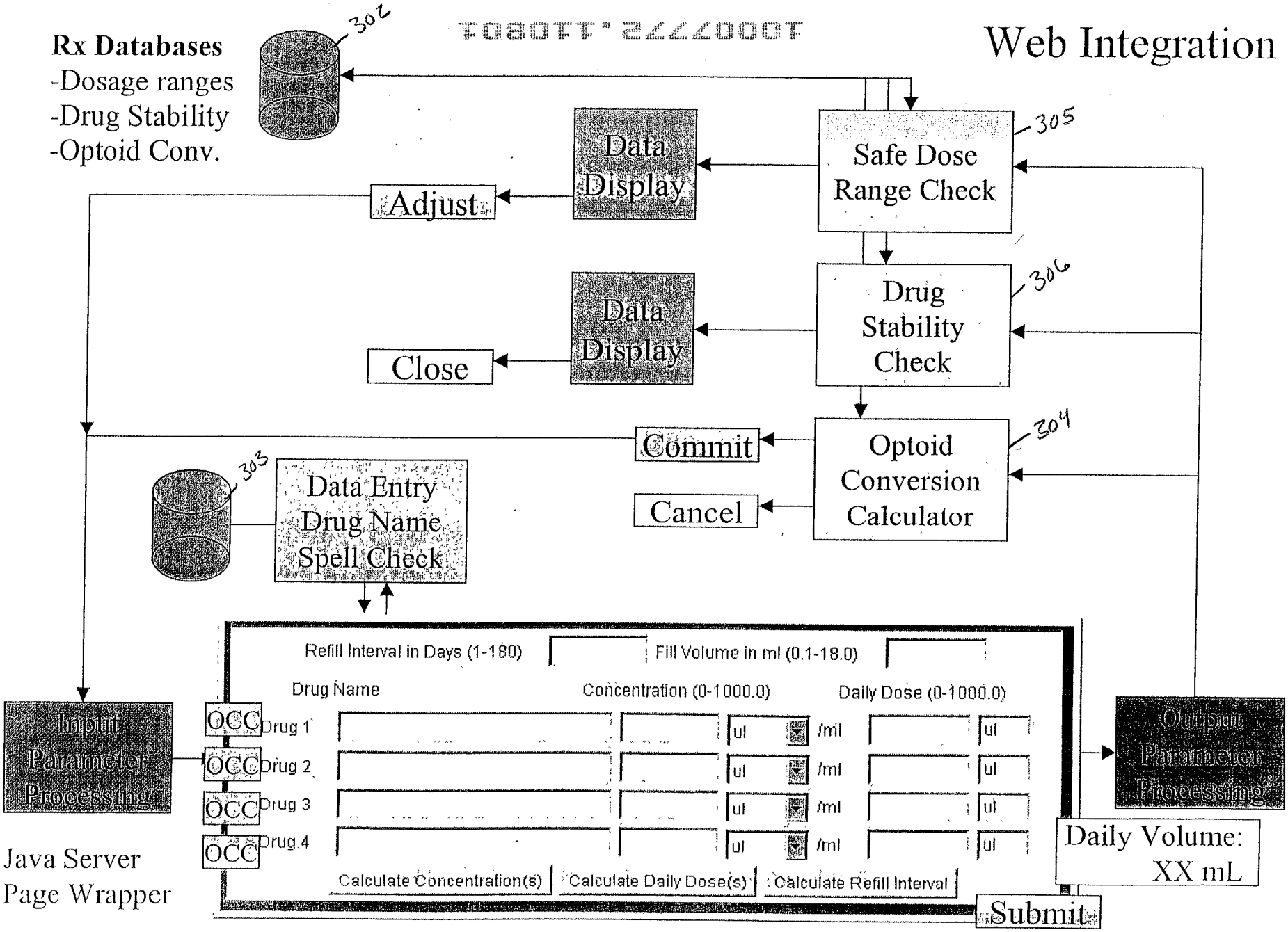

Rx Databases
-Dosage ranges
-Drug Stability
-Optoid Conv.
302
Web Integration
Data Display
Safe Dose Range Check
305
Adjust
Data Display
Drug Stability Check
306
Close
Commit
Optoid Conversion Calculator
304
Cancel
303
Data Entry Drug Name Spell Check
Refill Interval in Days (1-180)
Fill Volume in ml (0.1-18.0)
Drug Name
Concentration (0-1000.0)
Daily Dose (0-1000.0)
OCC Drug 1
OCC Drug 2
OCC Drug 3
OCC Drug 4
ul
/ml
Calculate Concentration(s)
Calculate Daily Dose(s)
Calculate Refill Interval
Submit
Input Parameter Processing
Output Parameter Processing
Daily Volume: XX mL
Java Server Page Wrapper

Figure 30

TOBOTT 2222000T

ReFill Interval Calculation

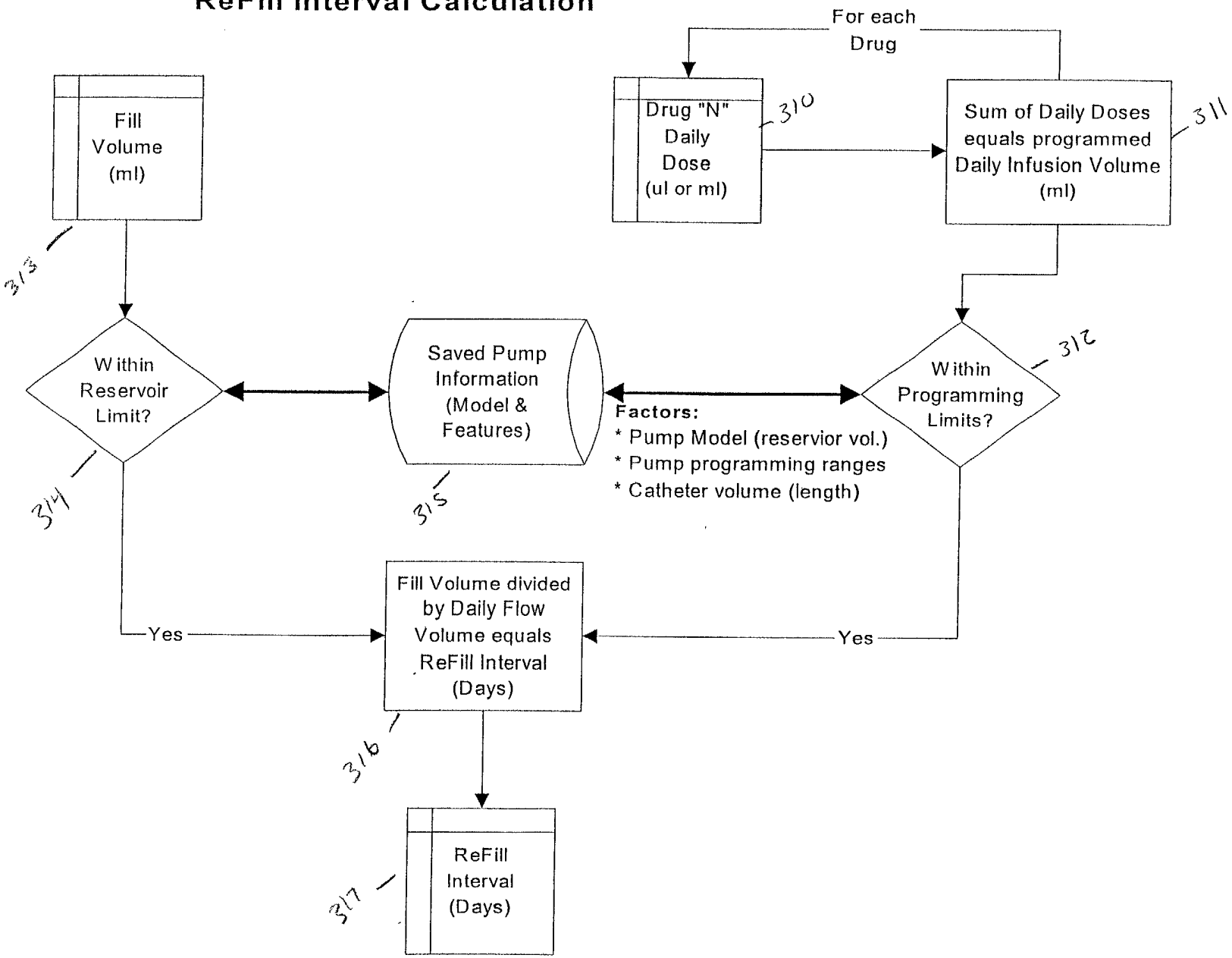
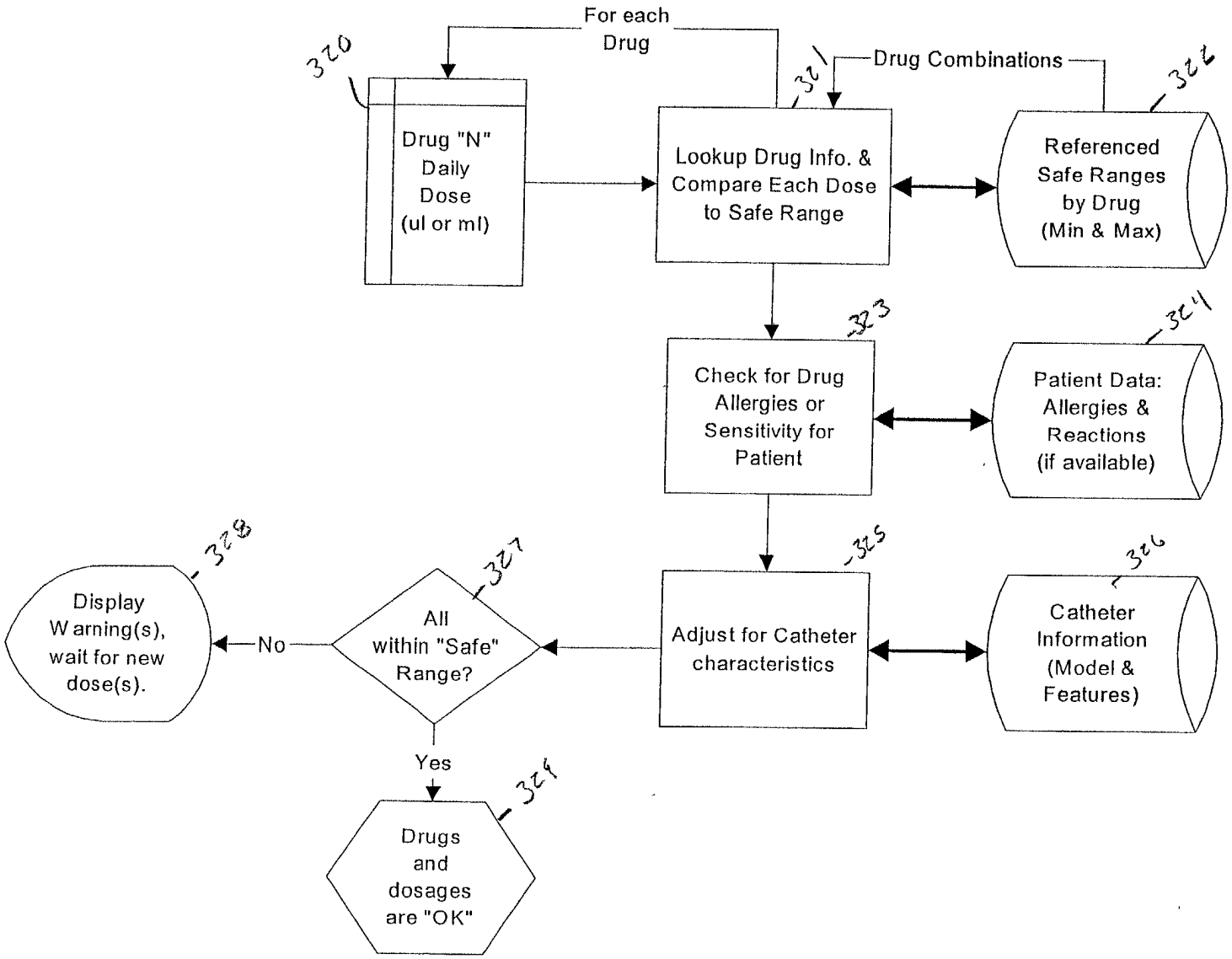


Figure 31

Safe Dosage Range Check



Database Elements:
* Min effective dosage
* Max safe dosage
* Safe dosage conditions (factors)
* Safe drug combination ranges

Provided by Physician:
* Patient Allegies
* Family History
* Historical reaction information

Implant Records & Database:
* Catheter type and location
* Influence on delivery rate
* Catheter characterisitcs; ports, cut Length, diffusion, etc.
* Last drug & concentration used.

Figure 32

T08OTT*2220001

Drug Stability/Compatibility Check

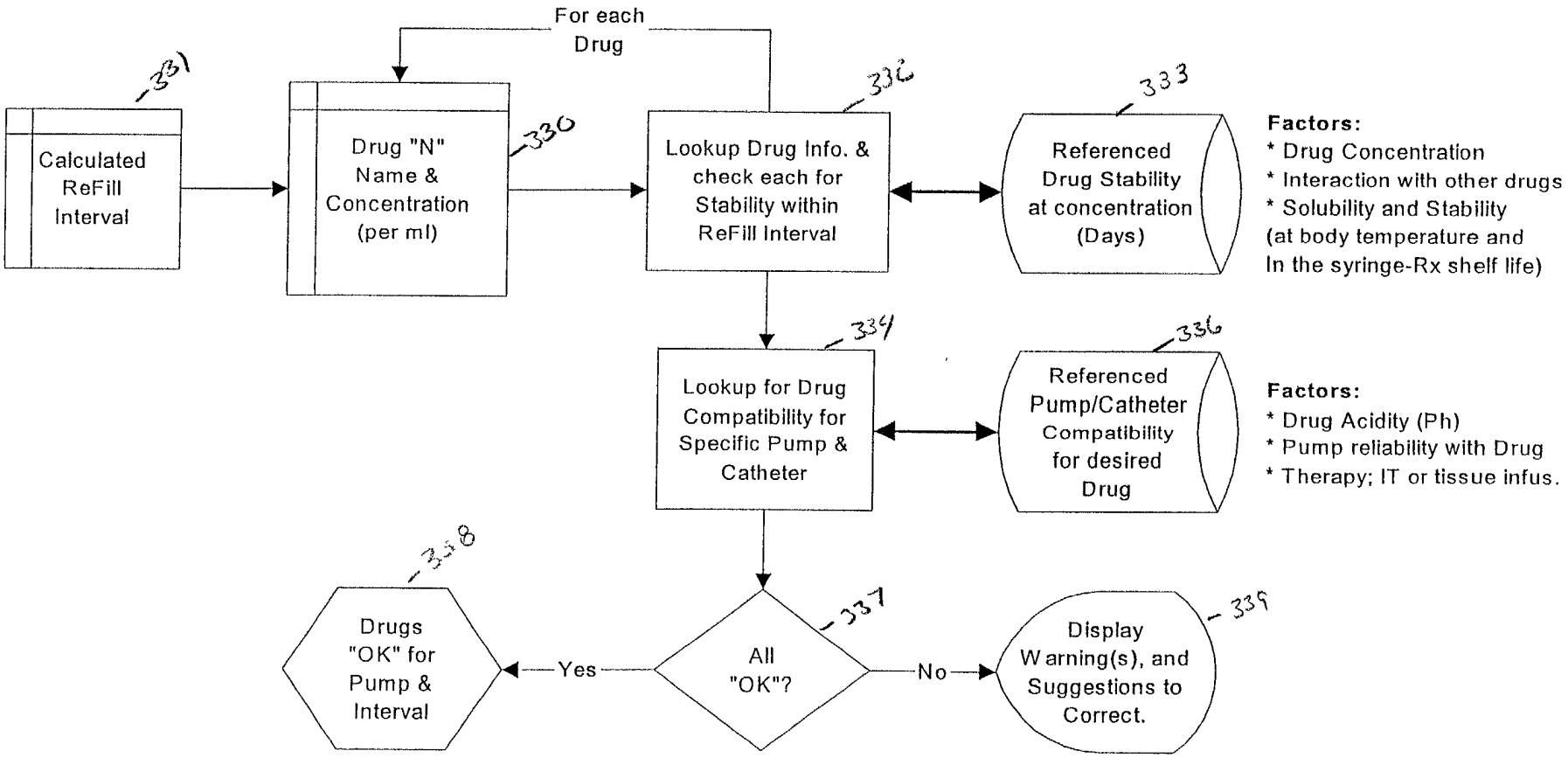


Figure 3